Electronic Acknowledgement Receipt				
EFS ID:	1490637			
Application Number:	10616875			
International Application Number:				
Confirmation Number:	1554			
Title of Invention:	Estimating channel impulse response and equalizer coefficients in U communication systems			
First Named Inventor/Applicant Name:	Andreas Molisch			
Customer Number:	22199			
Filer:	Clifton Daniel Mueller			
Filer Authorized By:				
Attorney Docket Number:	MH-5144			
Receipt Date:	05-FEB-2007			
Filing Date:	10-JUL-2003			
Time Stamp:	14:49:33			
Application Type:	Utility			

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$120
RAM confirmation Number	31
Deposit Account	500749

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)		
1	Amendment - After Non-Final Rejection	MH-5144-Sep-5-2006-efile.p df	1244072	no	14		
Warnings:							
Information:							
2	Fee Worksheet (PTO-06)	fee-info.pdf	8183	no	2		
Warnings:							
Information:							
		Total Files Size (in bytes):	1252255				

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.